

SEQ ID NO:	Sequence
1	HSDAVFTDQYTRLRKQVAAKKYLQSIKQKRY
2	Ac-HTDAVFTDQYTRLRKQVAAKKYLQSIKQKRY
3	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKRY
4	HSDAVFTDQYTRLRKQVAAKKYLQSIKQK
5	HTEAVFTDQYTRLRKQVAAKKYLQSIKQKRY
6	HSDAVFTDQYTRLRKQLAVKYLQDIKQGGT
7	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKR
8	HSDAVFTDQYTRLRKQLAAKKYLQTIKQKRY
9	HSDAVFTDQYTRLRKQMAAKKYLQTIKQKRY
10	HSDAVFTDQYTRLRKQMAAHKYLQSIKQKRY
11	HSDAVFTDQYTRLRKQMAAKHYLQSIKQKRY
12	HSDAVFTDQYTRLRKQMAGKKYLQSIKQKR
13	HSDAVFTDQYTRLRKQMAKKYLQSIKQKR
14	HSDAVFTDQYTRLRKQMARKKYLQSIKQKR
15	HSDAVFTDQYTRLRKQMASKKYLQSIKQKR
16	HSDAVFTDQYTRLRKQMAAKKYLQSIPOKR
17	HSDAVFTDQYTRLRKQMAAKKYLQSIQQKR
18	HSDAVFTDQYTRLRKQMAAKKYLQSIROKR
19	HSDAVFTDQYTRLRKQMAAKKYLQSIQRR
20	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKA
21	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKF
22	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKH
23	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKI
24	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKK
25	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKL
26	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKM
27	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKP
28	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKQ
29	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKS
30	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKT
31	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKV
32	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKW
33	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKY
34	HSDAVFTDQYTRLRKQMAGKKYLQSIKQRI
35	HSDAVFTDQYTRLRKQMAKKYLQSIKQRI
36	HSDAVFTDQYTRLRKQMASKKYLQSIKQRI
37	HSDAVFTDQYTRLRKQMAAKKYLQSIPOQRI
38	HSDAVFTDQYTRLRKQMASKKYLQSIROQRI

FIG. 1a

SEQ ID NO:	Sequenc
39	HSDAVFTDNYTRLRKQVAAKKYLQSIKQKRY
40	Ac-HTDAVFTDNYTRLRKQVAAKKYLQSIKQKRY
41	HSDAVFTDNYTRLRKQMAAKKYLQSIKQKRY
42	HSDAVFTDNYTRLRKQVAAKKYLQSIKQK
43	HTEAVFTDNYTRLRKQVAAKKYLQSIKQKRY
44	HSDAVFTDNYTRLRKQLAVKKYLQDIKQGGT
45	HSDAVFTDNYTRLRKQMAAKKYLQSIKQKR
46	HSDAVFTDNYTRLRKQLAAKKYLQTIKQKRY
47	HSDAVFTDNYTRLRKQMAAKKYLQTIKQKRY
48	HSDAVFTDNYTRLRKQMAAHKYLQSIKQKRY
49	HSDAVFTDNYTRLRKQMAAKHYLQSIKQKRY
50	HSDAVFTDNYTRLRKQMAGKKYLQSIKQKR
51	HSDAVFTDNYTRLRKQMAAKKKYLQSIKQKR
52	HSDAVFTDNYTRLRKQMACKYLQSIKQKR
53	HSDAVFTDNYTRLRKQMACKYLQSIKQKR
54	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKR
55	HSDAVFTDNYTRLRKQMAAKKYLQSIQQKR
56	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKR
57	HSDAVFTDNYTRLRKQMAAKKYLQSIHQRR
58	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKA
59	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKF
60	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKH
61	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKI
62	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKK
63	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKL
64	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKM
65	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKP
66	HSDAVFTDNYTRLRKQMAAKKYLQSIHQQ
67	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKS
68	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKT
69	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKV
70	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKW
71	HSDAVFTDNYTRLRKQMAAKKYLQSIHQKY
72	HSDAVFTDNYTRLRKQMAGKKYLQSIHQRI
73	HSDAVFTDNYTRLRKQMACKYLQSIHQRI
74	HSDAVFTDNYTRLRKQMACKYLQSIHQRI
75	HSDAVFTDNYTRLRKQMAAKKYLQSIHQRI
76	HSDAVFTDNYTRLRKQMACKYLQSIHQRI

**FIG. 1b**

SEQ ID NO:	Sequence
77	HSDAVFTDQYTRLRKQVAAKKYLQSIKNKRY
78	Ac-HTDAVFTDQYTRLRKQVAAKKYLQSIKNKRY
79	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKRY
80	HSDAVFTDQYTRLRKQVAAKKYLQSIKNK
81	HTEAVFTDQYTRLRKQVAAKKYLQSIKNKRY
82	HSDAVFTDQYTRLRKQLAVKKYLQDIKNGGT
83	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKR
84	HSDAVFTDQYTRLRKQLAAKKYLQTIKNKRY
85	HSDAVFTDQYTRLRKQMAAKKYLQTIKNKRY
86	HSDAVFTDQYTRLRKQMAAHKYLQSIKNKRY
87	HSDAVFTDQYTRLRKQMAAKHYLQSIKNKRY
88	HSDAVFTDQYTRLRKQMAKKYLQSIKNKR
89	HSDAVFTDQYTRLRKQMAKKYLQSIKNKR
90	HSDAVFTDQYTRLRKQMARKKYLQSIKNKR
91	HSDAVFTDQYTRLRKQMASKKYLQSIKNKR
92	HSDAVFTDQYTRLRKQMAAKKYLQSIIPNKR
93	HSDAVFTDQYTRLRKQMAAKKYLQSIQNKR
94	HSDAVFTDQYTRLRKQMAAKKYLQSIRNKR
95	HSDAVFTDQYTRLRKQMAAKKYLQSIKNRR
96	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKA
97	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKF
98	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKH
99	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKI
100	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKK
101	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKL
102	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKM
103	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKP
104	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKQ
105	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKS
106	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKT
107	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKV
108	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKW
109	HSDAVFTDQYTRLRKQMAAKKYLQSIKNKY
110	HSDAVFTDQYTRLRKQMAKKYLQSIKNRI
111	HSDAVFTDQYTRLRKQMAKKYLQSIKNRI
112	HSDAVFTDQYTRLRKQMASKKYLQSIKNRI
113	HSDAVFTDQYTRLRKQMAAKKYLQSIIPNRI
114	HSDAVFTDQYTRLRKQMASKKYLQSIKNRI

FIG. 1c

SEQ ID NO:	S quence
115	HSDAVFTDQYTRLRKQVAAKKYLQSIKQKRYC-PEG
116	Ac-HTDAVFTDQYTRLRKQVAAKKYLQSIKQKRYC-PEG
117	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKRYC-PEG
118	HSDAVFTDQYTRLRKQVAAKKYLQSIKQKC-PEG
119	HTEAVFTDQYTRLRKQVAAKKYLQSIKQKRYC-PEG
120	HSDAVFTDQYTRLRKQLAVKKYLQDIKQGGTC-PEG
121	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKRC-PEG
122	HSDAVFTDQYTRLRKQLAAKKYLQTIKQKRYC-PEG
123	HSDAVFTDQYTRLRKQMAAKKYLQTIKQKRYC-PEG
124	HSDAVFTDQYTRLRKQMAAHKYLQSIKQKRYC-PEG
125	HSDAVFTDQYTRLRKQMAAKHYLQSIKQKRYC-PEG
126	HSDAVFTDQYTRLRKQMAGKKYLQSIKQKRC-PEG
127	HSDAVFTDQYTRLRKQMAKKYLQSIKQKRC-PEG
128	HSDAVFTDQYTRLRKQMACKYLQSIKQKRC-PEG
129	HSDAVFTDQYTRLRKQMASKKYLQSIKQKRC-PEG
130	HSDAVFTDQYTRLRKQMAAKKYLQSIQPKRC-PEG
131	HSDAVFTDQYTRLRKQMAAKKYLQSIQQKRC-PEG
132	HSDAVFTDQYTRLRKQMAAKKYLQSIRKRC-PEG
133	HSDAVFTDQYTRLRKQMAAKKYLQSIKQRRC-PEG
134	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKAC-PEG
135	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKFC-PEG
136	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKHC-PEG
137	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKIC-PEG
138	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKKC-PEG
139	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKLC-PEG
140	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKMC-PEG
141	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKPC-PEG
142	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKQC-PEG
143	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKSC-PEG
144	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKTC-PEG
145	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKVC-PEG
146	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKWC-PEG
147	HSDAVFTDQYTRLRKQMAAKKYLQSIKQKYC-PEG
148	HSDAVFTDQYTRLRKQMAGKKYLQSIKQRIC-PEG
149	HSDAVFTDQYTRLRKQMAKKYLQSIKQRIC-PEG
150	HSDAVFTDQYTRLRKQMASKKYLQSIKQRIC-PEG
151	HSDAVFTDQYTRLRKQMAAKKYLQSIQPRIC-PEG
152	HSDAVFTDQYTRLRKQMASKKYLQSIQRIC-PEG

FIG. 1d

BamHI      Factor Xa  
GGATCC ATC GAA GGT CGT CAC TCC GAC GCT GTT TTC ACC GAC cag TAC  
ACG CGT CGT AAA CAG gtt GCT gca AAG AAA TAC CTG cag TCC ATC aag  
cag aag cgt tac TAA TGA CTCGAG (SEQ ID NO: 153)  
stop codons      Xhol

FIG. 2

SEQ ID NO:	Sequence
154	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG GTT GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT TAC
155	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT TAC
156	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG GTT GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG
157	CAC ACC GAA GCT GTT TTC ACC GAC CAG TACACG CGT CTG CGT AAA CAG GTT GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT TAC
158	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG CTG GCT GTT AAG AAA TAC CTG CAG GAC ATC AAG CAG GGC GGT ACC
159	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT
160	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG CTG GCT GCA AAG AAA TAC CTG CAG ACC ATC AAG CAG AAG CGT TAC
161	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG ACC ATC AAG CAG AAG CGT TAC
162	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA CAC AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT TAC
163	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG CAC TAC CTG CAG TCC ATC AAG CAG AAG CGT TAC
164	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GGC AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT
165	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT AAA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT
166	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT CGT AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT
167	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT TCC AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT

Fig. 3a

168	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC CCC CAG AAG CGT
169	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC CAG CAG AAG CGT
170	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC CGT CAG AAG CGT
171	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG CGT CGT
172	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG GCA
173	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG TTC
174	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CAC
175	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG ATC
176	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG AAG
177	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CTG
178	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG ATG
179	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CCC
180	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CAG
181	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG TCC

Fig. 3b

182	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG ACC
183	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG GTT
184	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG TGG
185	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG TAC
186	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GGT AAG AAA TAC CTG CAG TCC ATC AAG CAG CGT ATC
187	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT AAA AAG AAA TAC CTG CAG TCC ATC AAG CAG CGT ATC
188	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT TCC AAG AAA TAC CTG CAG TCC ATC AAG CAG CGT ATC
189	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC CCC CAG CGT ATC
190	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT TCC AAG AAA TAC CTG CAG TCC ATC CGT CAG CGT ATC
191	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG GTT GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT TAC
192	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT TAC
193	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG GTT GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG
194	CAC ACC GAA GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG GTT GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT TAC
195	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG CTG GCT GTT AAG AAA TAC CTG CAG GAC ATC AAG CAG GGC GGT ACC

Fig. 3c

196	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT
197	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG ACG CGT CTG CGT AAA CAG CTG GCT GCA AAG AAA TAC CTG CAG ACC ATC AAG CAG AAG CGT TAC
198	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG ACC ATC AAG CAG AAG CGT TAC
199	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG ACG CGT CTG CGT AAA CAG ATG GCT GCA CAC AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT TAC
200	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG CAC TAC CTG CAG TCC ATC AAG CAG AAG CGT TAC
201	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG ACG CGT CTG CGT AAA CAG ATG GCT GGC AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT
202	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG ACG CGT CTG CGT AAA CAG ATG GCT AAA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT
203	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG ACG CGT CTG CGT AAA CAG ATG GCT CGT AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT
204	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG ACG CGT CTG CGT AAA CAG ATG GCT TCC AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CGT
205	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC CCC CAG AAG CGT
206	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC CAG CAG AAG CGT
207	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC CGT CAG AAG CGT
208	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG CGT CGT
209	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG GCA

Fig. 3d

210	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG TTC
211	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CAC
212	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG ATC
213	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG AAG
214	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CTG
215	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG ATG
216	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CCC
217	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG CAG
218	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG TCC
219	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG ACC
220	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG GTT
221	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG TGG
222	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG CAG AAG TAC
223	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GGT AAG AAA TAC CTG CAG TCC ATC AAG CAG CGT ATC

Fig. 3e

224	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT AAA AAG AAA TAC CTG CAG TCC ATC AAG CAG CGT ATC
225	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT TCC AAG AAA TAC CTG CAG TCC ATC AAG CAG CGT ATC
226	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC CCC CAG CGT ATC
227	CAC TCC GAC GCT GTT TTC ACC GAC AAC TAC ACG CGT CTG CGT AAA CAG ATG GCT TCC AAG AAA TAC CTG CAG TCC ATC CGT CAG CGT ATC
228	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG GTT GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG CGT TAC
229	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG CGT TAC
230	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG GTT GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG
231	CAC ACC GAA GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG GTT GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG CGT TAC
232	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG CTG GCT GTT AAG AAA TAC CTG CAG GAC ATC AAG AAC GGC GGT ACC
233	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG CGT
234	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG CTG GCT GCA AAG AAA TAC CTG CAG ACC ATC AAG AAC AAG CGT TAC
235	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG ACC ATC AAG AAC AAG CGT TAC
236	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA CAC AAA TAC CTG CAG TCC ATC AAG AAC AAG CGT TAC
237	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG CAC TAC CTG CAG TCC ATC AAG AAC AAG CGT TAC

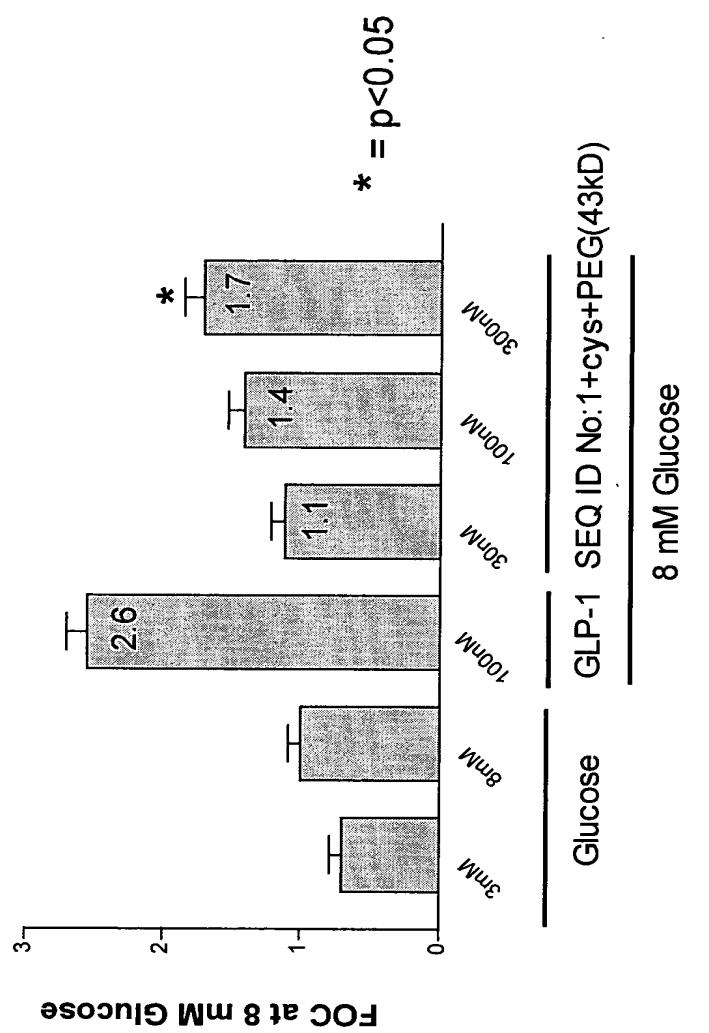
Fig. 3f

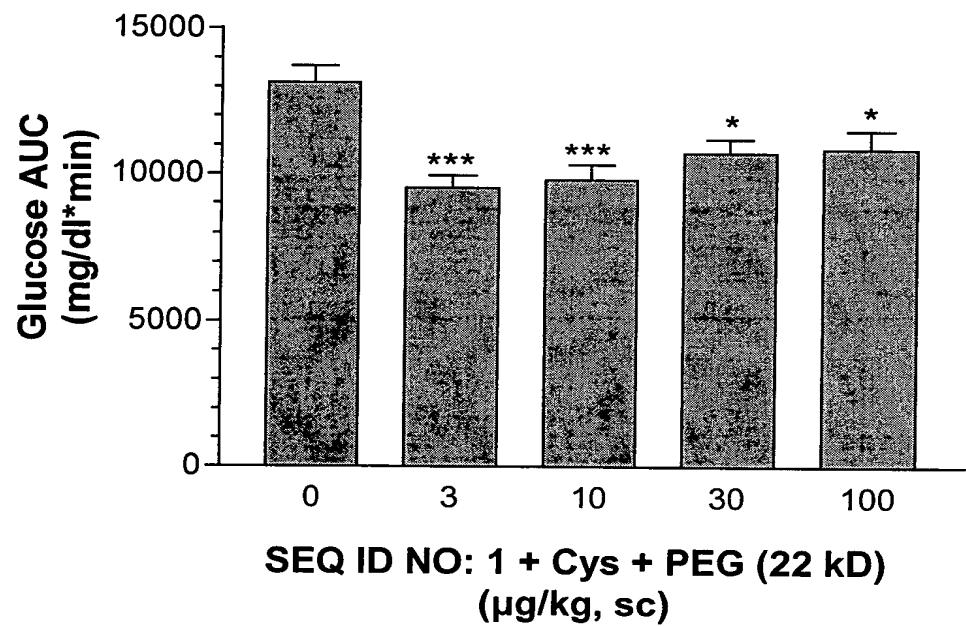
238	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GGC AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG CGT
239	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT AAA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG CGT
240	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT CGT AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG CGT
241	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT TCC AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG CGT
242	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC CCC AAC AAG CGT
243	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC CAG AAC AAG CGT
244	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC CGT AAC AAG CGT
245	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC CGT CGT
246	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG GCA
247	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG TTC
248	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG CAC
249	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG ATC
250	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG AAG
251	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG CTG

Fig. 3g

252	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG ATG
253	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG CCC
254	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG CAG
255	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG TCC
256	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG ACC
257	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG GTT
258	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG TGG
259	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC AAG AAC AAG TAC
260	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GGT AAG AAA TAC CTG CAG TCC ATC AAG AAC CGT ATC
261	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT AAA AAG AAA TAC CTG CAG TCC ATC AAG AAC CGT ATC
262	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT TCC AAG AAA TAC CTG CAG TCC ATC AAG AAC CGT ATC
263	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT GCA AAG AAA TAC CTG CAG TCC ATC CCC AAC CGT ATC
264	CAC TCC GAC GCT GTT TTC ACC GAC CAG TAC ACG CGT CTG CGT AAA CAG ATG GCT TCC AAG AAA TAC CTG CAG TCC ATC CGT AAC CGT ATC

Fig. 3h





**FIG. 5**

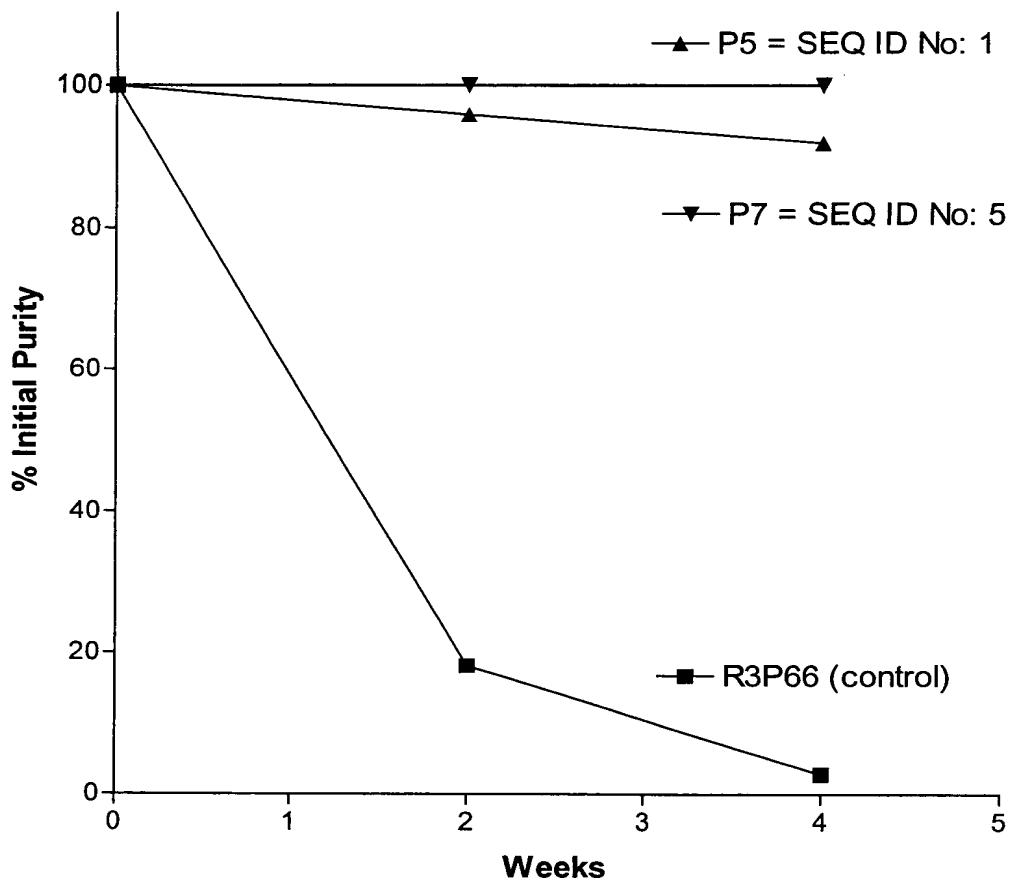
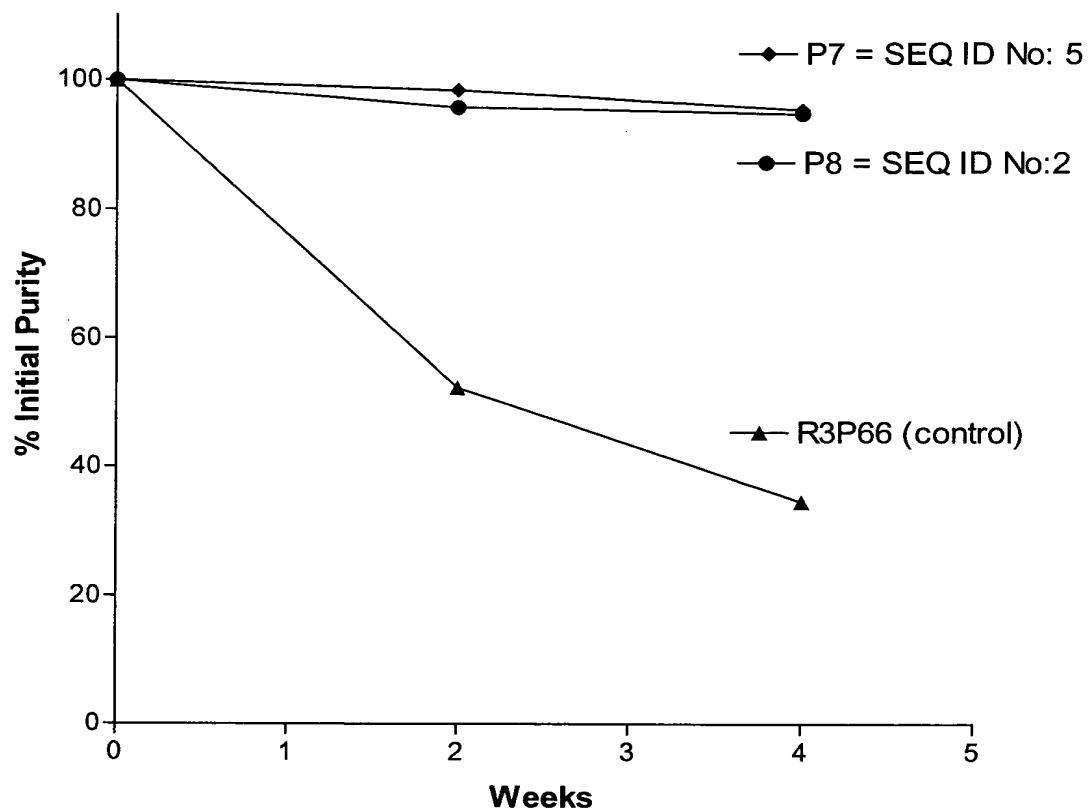


FIG. 6



**FIG. 7**

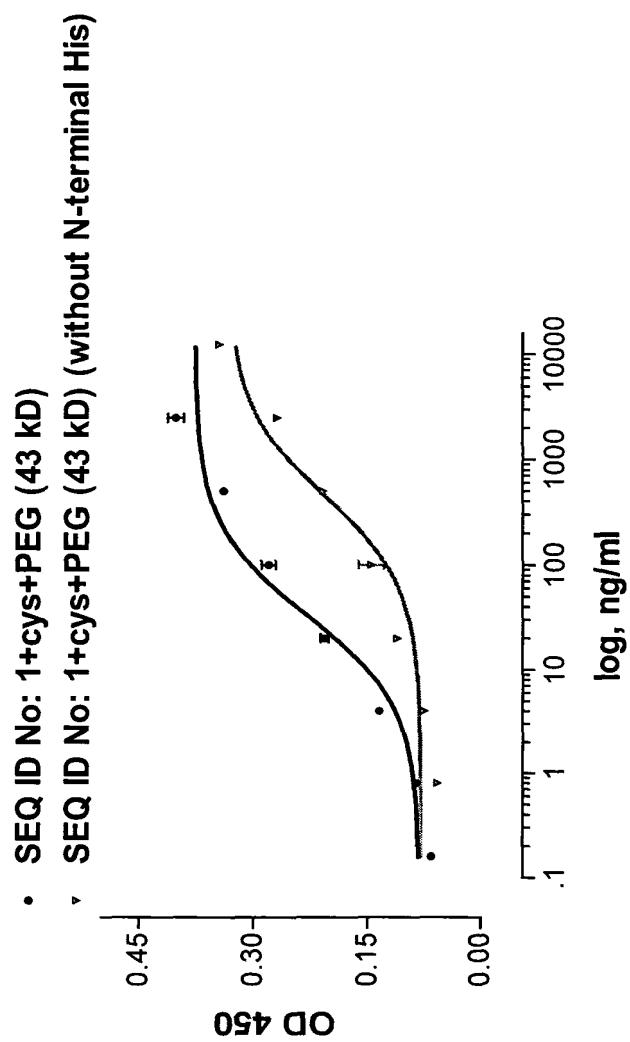


FIG. 8